Benchtop Hot Air Sterilizer LX400HAS

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Description

Benchtop Hot Air Sterilizer LX400HAS is a benchtop design, back heating, horizontal force convection with adjustable inflow and outflow air speed to ensure chamber temperature uniformity. This is utilized for the effects of poisoning caused by oxidation of microorganisms, denaturizing of protein and concentration of electrolyte under high temperature and dry heat, chiefly to destroy the cell protoplasm through oxidation and thus to kill microorganisms within a certain heating time.

Specifications

Chamber volume	25 L
Control	PID microprocessor
Display	LED display
Convection method	Horizontal forced convection (Fan)
Temperature control range	Room temperature +10℃~250℃
Temperature accuracy	±1℃ at 100℃
Temperature fluctuation	±1℃
Temperature uniformity	±1℃ at 100℃
Temperature sensor	Pt100
Timer	1min-99hr
Shelf size	246 x 280 mm
Shelf quantity (std. /max.)	2/4 pcs
Power	650W
Power supply	220V / 50Hz
Internal dimensions	300 x 300 x 275 mm
External dimensions	580 x 470 x 445 mm
Net weight	30 kg
Packing dimensions	680 x 590 x 610 mm
Gross weight	42 kg

Features

- (Internal material) 304 stainless steel working chamber and (external material) powder-coated steel housing with dual-layer toughened glass window
- PID microprocessor Temperature controller with high-speed, high-performance CPU chip
- High-sensitivity and high precision PT100 as temperature sensor
- Adjustable inflow and outflow air speed
- Preset programmed control with a timing range of up to 99 hours for power-on, power-off and working
- Multiple alarms for sensor failure, high/low-temperature deviation, over-temperature
- 10-segment temperature control program to realize temperatures stepped program operation
- Came with stainless steel shelf and users can adjust space according to their need
- Can store the parameters memory
- Temperature display calibration and dynamic self-diagnostic, control technology

Applications

- Used in Industrial and mining enterprises as well as in laboratories, scientific research institutes, medical colleges and universities for drying, curing, melt, and sterilizing.

Optional Accessories

- Independent temperature control and alarming system to provide dual protections and stop working in case of over-temperature
- Inert gas port
- Inert gas flow meter

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